

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/ CN2005 / 000195

## A. CLASSIFICATION OF SUBJECT MATTER

IPC7: C07D231/10 C07D261/06 C07D275/02 C07D413/04 C07D417/04 C07D419/04 A01N43/56 A01N43/80  
According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: C07D A01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

STN,PAJ, WPI,EPODOC,CA,Cprs,CNKI (pyrazole,isoxazole,1,2-isothiazole,phenyl,oxy,pyridine,insecticid+,acaricid+)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	CN1118165 A(claim 1-9, pages 28、 29、 54-57、 66-69 in specification)	1-9
X	CN1175575 A(claim 1-20, compounds of pages 5-23 in specification)	1-9
A	CN1154692A (claim 1-11,compounds 1-56)	1-9
A	CN1065658 A (claim 1-10, compounds 1-350)	1-9
A	US6075149 A (claim 1-5, compounds of table 1-32)	1-9
A	US5185342 A (claim 1)	1-9

☐ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

\* Special categories of cited documents:

“A” document defining the general state of the art which is not considered to be of particular relevance

“E” earlier application or patent but published on or after the international filing date

“L” document which may throw doubts on priority claim (S) or which is cited to establish the publication date of another citation or other special reason (as specified)

“O” document referring to an oral disclosure, use, exhibition or other means

“P” document published prior to the international filing date but later than the priority date claimed

“T” later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

“X” document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

“Y” document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

“&”document member of the same patent family

Date of the actual completion of the international search

10.05.2005

Date of mailing of the international search report

26 · MAY 2005 (26 · 05 · 2005)

Name and mailing address of the ISA/CN

The State Intellectual Property Office, the P.R.China  
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100088  
Facsimile No. 86-10-62019451

Authorized officer

Telephone No. 62085629



**INTERNATIONAL SEARCH REPORT**  
Information on patent family members

International application No.  
PCT/ CN2005 / 000195

Patent Documents referred in the Report	Publication Date	Patent Family	Publication Date
CN1118165 A	19960306	CN1046275C C	19991110
		DE4305502 A1	19940825
		DE59410323G G	20031016
		EP0757042 B1	20030910
		US6605631 B1	20030812
		JP3420768B2 B2	20030630
		KR270412 B1	20001101
		MX189518 B	19980803
		RU2130924 C1	19990527
		US6031110 A	20000229
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		HU216890 B	19991028
		IL108462 A	19981030
		AU682339 B	19971002
		ES2102206T T3	19970716
		DE59402610G G	19970605
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		EP0757042 A1	19970205
		JP8507055T T	19960730
		HU73548 A	19960828
		BR9405937 A	19960206
		CZ9502154 A3	19951213
		EP0686152 A1	19951213
		ZA9401189 A	19951025
		AU6109194 A	19940914
		WO9419331 A1	19940901
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		EP0811614 B1	20020925
		AU726670 B	20001116
		TW367224 A	19990821
		MX9703980 A1	19971201
		BR9703487 A	19990105
		KR98002028 A	19980330
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# INTERNATIONAL SEARCH REPORT

International application No.

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CN1154692A

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CZ9701697 A3	19980415
JP10059944 A	19980303
ZA9704771 A	19980225
AU2360997 A	19971211
EP0811614 A1	19971210
MX213115 B	20030305
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US6054592 A	20000425
NO307336B B1	20000320
NZ289391 A	19991028
MX9700132 A1	19980101
US5869517 A	19990209
ES2123264T T3	19990101
DE59503648G G	19981022
EP0804421 B1	19980916
KR97704697 A	19970906
HU77510 A	19980528
SK9700017 A3	19980708
CZ9700037 A3	19980617
JP10504810T T	19980512
AU685299 B	19980115
EP0804421 A1	19971105
BR9508242 A	19970930
ZA9510727 A	19970827
FI9700067 A	19970305
NO9700042 A	19970305
AU2922295 A	19960125
WO9601256 A1	19960118
DE4423612 A1	19960111
ES2088572T T3	19960816
DE69211983E E	19960808

CN1065658 A

19921028

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/ CN2005 / 000195

		EP0569384 B1	19960703
		US5342837 A	19940830
		JP6504538T T	19940526
		EP0569384 A1	19931118
		US5221691 A	19930622
		PT100072 A	19930331
		ZA9200277 A	19921028
		AU1161992 A	19920907
		WO9213830 A1	19920820
		EP0569384 B2	20001004
US6075149 A	20000613	JP2000502686T T	20000307
		EP0876351 A1	19981111
		ZA9610841 A	19980826
		AU1195697 A	19970728
		WO9724332 A1	19970710
		DE19548786 A1	19970703
US5185342 A	19930209	JP2818143B2 B2	19981030
		JP2759069B2 B2	19980528
		BR1100785 A3	19980505
		CA2017076 C	19980331
		ES2093013T T3	19961216
		KR9502600 B1	19950323
		JP2558001B2 B2	19961127
		JP8253449 A	19961001
		JP8231310 A	19960910
		DE69028136E E	19960926
		US5548078 A	19960820
		EP0398692 B1	19960821
		US5401877 A	19950328
		US5371223 A	19941206
		US5371222 A	19941206
		JP3246268 A	19911101
		BR9002311 A	19910806
		ZA9003689 A	19910227
		CA2017076 A	19901117
		AU5508890 A	19901122
		EP0398692 A	19901122
		BR1100783 A3	19991019

## 国际检索报告

国际申请号

PCT / CN2005 / 000195

## A. 主题的分类

IPC7: C07D231/10 C07D261/06 C07D275/02 C07D413/04 C07D417/04 C07D419/04 A01N43/56 A01N43/80

按照国际专利分类表(IPC)或者同时按照国家分类和 IPC 两种分类

## B. 检索领域

检索的最低限度文献(标明分类系统和分类号)

IPC7: C07D A01N

包含在检索领域中的除最低限度文献以外的检索文献

在国际检索时查阅的电子数据库(数据库的名称, 和使用的检索词(如使用))

STN,PAJ, WPI, EPODOC, CA,Cprs,CNKI(吡唑, 异噁唑, 异噻唑, 苯, 氧, 吡啶, 杀虫, 杀螨)

## C. 相关文件

类 型*	引用文件, 必要时, 指明相关段落	相关的权利要求
X	CN1118165 A(权利要求书 1-9, 说明书的 28、29、54-57、66-69)	1-9
X	CN1175575 A(权利要求书 1-20, 说明书第 5 页-第 23 页化合物)	1-9
A	CN1154692A (权利要求书 1-11, 化合物 1-56)	1-9
A	CN1065658 A (权利要求书 1-10, 化合物 1-350)	1-9
A	US6075149 A (权利要求书 1-5, 表 1-32 化合物)	1-9
A	US5185342 A (权利要求书 1)	1-9

☐ 其余文件在 C 栏的续页中列出。☒ 见同族专利附件。

\* 引用文件的具体类型:

“A” 认为不特别相关的表示了现有技术一般状态的文件

“E” 在国际申请日的当天或之后公布的在先申请或专利

“L” 可能对优先权要求构成怀疑的文件, 或为确定另一篇引用文件的公布日而引用的或者因其他特殊理由而引用的文件

“O” 涉及口头公开、使用、展览或其他方式公开的文件

“P” 公布日先于国际申请日但迟于所要求的优先权日的文件

“T” 在申请日或优先权日之后公布, 与申请不相抵触, 但为了理解发明之理论或原理的在后文件

“X” 特别相关的文件, 单独考虑该文件, 认定要求保护的发明不是新颖的或不具有创造性

“Y” 特别相关的文件, 当该文件与另一篇或者多篇该类文件结合并且这种结合对于本领域技术人员为显而易见时, 要求保护的发明不具有创造性

“&amp;” 同族专利的文件

国际检索实际完成的日期

10.05 月 2005

国际检索报告邮寄日期

26 · 5月 2005 (2005 · 05 · 2005)

中华人民共和国国家知识产权局(ISA/CN)

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授权官员

电话号码: (86-10)62085629

国际检索报告  
关于同族专利的信息

国际申请号  
PCT/ CN2005 / 000195

检索报告中引用的 专利文件	公布日期	同族专利	公布日期
CN1118165 A	19960306	CN1046275C C	19991110
		DE4305502 A1	19940825
		DE59410323G G	20031016
		EP0757042 B1	20030910
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		WO9601256 A1	19960118
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		DE69211983E E	19960808
		EP0569384 B1	19960703
		US5342837 A	19940830
		JP6504538T T	19940526
		EP0569384 A1	19931118